

# SEQUENCE LISTING

<110> Michael S.C. Fung  
 Bill N.C. Sun  
 Cecily R.Y. Sun

<120> Inhibitors of Complement Activation

<130> 98-2A

<150> 60/075,328

<151> 1998-02-20

<150> 09/253,689

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<170> FastSEQ for Windows Version 4.0

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Ile Leu Gly Gly Arg Glu Ala Glu Ala His Ala Arg Pro Tyr Met

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gcg tcg gtg cag ctg aac ggc gcg cac ctg tgc ggc ggc gtc ctg gtg 96

Ala Ser Val Gln Leu Asn Gly Ala His Leu Cys Gly Gly Val Leu Val

20 25 30

gcg gag cag tgg gtg ctg agc gcg gcg cac tgc ctg gag gac gcg gcc 144

Ala Glu Gln Trp Val Leu Ser Ala Ala His Cys Leu Glu Asp Ala Ala

35 40 45

gac ggg aag gtg cag gtt ctc ctg ggc gcg cac tcc ctg tcg cag ccg 192

Asp Gly Lys Val Gln Val Leu Leu Gly Ala His Ser Leu Ser Gln Pro

50 55 60

gag ccc tcc aag cgc ctg tac gac gtg ctc cgc gca gtg ccc cac ccg 240

Glu Pro Ser Lys Arg Leu Tyr Asp Val Leu Arg Ala Val Pro His Pro

65 70 75

gac agc cag ccc gac acc atc gac cac gac ctc ctg ctg cta cag ctg 288

Asp Ser Gln Pro Asp Thr Ile Asp His Asp Leu Leu Leu Leu Gln Leu

80	85	90	95	
tcg gag aag gcc aca ctg ggc cct gct gtg cgc ccc ctg ccc tgg cag				336
Ser Glu Lys Ala Thr Leu Gly Pro Ala Val Arg Pro Leu Pro Trp Gln				
100	105	110		
cgc gtg gac cgc gac gtg gca ccg gga act ctc tgc gac gtg gcc ggc				384
Arg Val Asp Arg Asp Val Ala Pro Gly Thr Leu Cys Asp Val Ala Gly				
115	120	125		
tgg ggc ata gtc aac cac gcg ggc cgc cgc ccg gac agc ctg cag cac				432
Trp Gly Ile Val Asn His Ala Gly Arg Pro Asp Ser Leu Gln His				
130	135	140		
gtg ctc ttg cca gtg ctg gac cgc gcc acc tgc aac cgg cgc acg cac				480
Val Leu Leu Pro Val Leu Asp Arg Ala Thr Cys Asn Arg Arg Thr His				
145	150	155		
cac gac ggc gcc atc acc gag cgc ttg atg tgc gcg gag agc aat cgc				528
His Asp Gly Ala Ile Thr Glu Arg Leu Met Cys Ala Glu Ser Asn Arg				
160	165	170	175	
cgg gac agc tgc aag ggt gac tcc ggg ggc ccg ctg gtg tgc ggg ggc				576
Arg Asp Ser Cys Lys Gly Asp Ser Gly Gly Pro Leu Val Cys Gly Gly				
180	185	190		
gtg ctc gag ggc gtg gtc acc tcg ggc tcg cgc gtt tgc ggc aac cgc				624
Val Leu Glu Gly Val Val Thr Ser Gly Ser Arg Val Cys Gly Asn Arg				
195	200	205		
aag aag ccc ggg atc tac acc cgc gtg gcg agc tat gcg gcc tgg atc				672
Lys Lys Pro Gly Ile Tyr Thr Arg Val Ala Ser Tyr Ala Ala Trp Ile				
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Glu Gln Trp Val Leu Ser Ala Ala His Cys Leu Glu Asp Ala Ala Asp				
35	40	45		
Gly Lys Val Gln Val Leu Leu Gly Ala His Ser Leu Ser Gln Pro Glu				
50	55	60		
Pro Ser Lys Arg Leu Tyr Asp Val Leu Arg Ala Val Pro His Pro Asp				
65	70	75	80	

Ser Gln Pro Asp Thr Ile Asp His Asp Leu Leu Leu Gln Leu Ser  
85 90 95  
Glu Lys Ala Thr Leu Gly Pro Ala Val Arg Pro Leu Pro Trp Gln Arg  
100 105 110  
Val Asp Arg Asp Val Ala Pro Gly Thr Leu Cys Asp Val Ala Gly Trp  
115 120 125  
Gly Ile Val Asn His Ala Gly Arg Arg Pro Asp Ser Leu Gln His Val  
130 135 140  
Leu Leu Pro Val Leu Asp Arg Ala Thr Cys Asn Arg Arg Thr His His  
145 150 155 160  
Asp Gly Ala Ile Thr Glu Arg Leu Met Cys Ala Glu Ser Asn Arg Arg  
165 170 175  
Asp Ser Cys Lys Gly Asp Ser Gly Gly Pro Leu Val Cys Gly Gly Val  
180 185 190  
Leu Glu Gly Val Val Thr Ser Gly Ser Arg Val Cys Gly Asn Arg Lys  
195 200 205  
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Ala Ser Val Gln Val Asn Gly Lys His Val Cys Gly Gly Phe Leu Val  
20 25 30

tct gag cag tgg gtg ctg agt gca gca cac tgc ctg gag gac gtg gcc 144  
Ser Glu Gln Trp Val Leu Ser Ala Ala His Cys Leu Glu Asp Val Ala  
35 40 45

gag ggg aag ctg cag gtt ctc ctg ggt gcg cac tcc ctg tca cag ccc 192  
Glu Gly Lys Leu Gln Val Leu Leu Gly Ala His Ser Leu Ser Gln Pro  
50 55 60

gag ccc tcg aag cgc ctg tac gac gtg ctc cgc gcc gtg ccc cac cca 240  
Glu Pro Ser Lys Arg Leu Tyr Asp Val Leu Arg Ala Val Pro His Pro  
65 70 75

gac agc cag cct gac acc atc gac cat gat ctc ctc ctg ctg aag ctc 288  
Asp Ser Gln Pro Asp Thr Ile Asp His Asp Leu Leu Leu Lys Leu  
80 85 90 95

tcc gag aag gcc gag ctg ggc cct gcc gtg cag ccc ctt gcc tgg caa 336  
 Ser Glu Lys Ala Glu Leu Gly Pro Ala Val Gln Pro Leu Ala Trp Gln  
 100 105 110

cga gag gac cac gag gtt ccg gca ggc acg ctc tgc gac gtg gcc ggc 384  
 Arg Glu Asp His Glu Val Pro Ala Gly Thr Leu Cys Asp Val Ala Gly  
 115 120 125

tgg gga gtg gtc agt cac act ggc cgc cgg ccc gac cgt ctg cag cac 432  
 Trp Gly Val Val Ser His Thr Gly Arg Pro Asp Arg Leu Gln His  
 130 135 140

ctg ctc cta ccg gtg ctg gac cgc acc acc tgc aac ctg cgc aca tac 480  
 Leu Leu Leu Pro Val Leu Asp Arg Thr Thr Cys Asn Leu Arg Thr Tyr  
 145 150 155

cac gat ggc acc atc acc gag cgc atg atg tgc gcg gag agc aac cgt 528  
 His Asp Gly Thr Ile Thr Glu Arg Met Met Cys Ala Glu Ser Asn Arg  
 160 165 170 175

cgg gac agc tgc aag ggc gac tcc gga ggc ccg ctg gtg tgc ggg ggt 576  
 Arg Asp Ser Cys Lys Gly Asp Ser Gly Gly Pro Leu Val Cys Gly Gly  
 180 185 190

gtg gcc gag gga gtg gtt acc tca ggc tcc cga gtc tgc ggc aac cgc 624  
 Val Ala Glu Gly Val Val Thr Ser Gly Ser Arg Val Cys Gly Asn Arg  
 195 200 205

aag aaa ccc ggc atc tac acg cgc ttg gcg agc tac gtg gcc tgg atc 672  
 Lys Lys Pro Gly Ile Tyr Thr Arg Leu Ala Ser Tyr Val Ala Trp Ile  
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 Asp Gly Val Met Ala Asp Ser Ala Ala Ala  
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 Glu Gln Trp Val Leu Ser Ala Ala His Cys Leu Glu Asp Val Ala Glu  
 35 40 45  
 Gly Lys Leu Gln Val Leu Leu Gly Ala His Ser Leu Ser Gln Pro Glu  
 50 55 60  
 Pro Ser Lys Arg Leu Tyr Asp Val Leu Arg Ala Val Pro His Pro Asp  
 65 70 75 80  
 Ser Gln Pro Asp Thr Ile Asp His Asp Leu Leu Leu Lys Leu Ser  
 85 90 95

Glu Lys Ala Glu Leu Gly Pro Ala Val Gln Pro Leu Ala Trp Gln Arg  
 100 105 110  
 Glu Asp His Glu Val Pro Ala Gly Thr Leu Cys Asp Val Ala Gly Trp  
 115 120 125  
 Gly Val Val Ser His Thr Gly Arg Arg Pro Asp Arg Leu Gln His Leu  
 130 135 140  
 Leu Leu Pro Val Leu Asp Arg Thr Thr Cys Asn Leu Arg Thr Tyr His  
 145 150 155 160  
 Asp Gly Thr Ile Thr Glu Arg Met Met Cys Ala Glu Ser Asn Arg Arg  
 165 170 175  
 Asp Ser Cys Lys Gly Asp Ser Gly Gly Pro Leu Val Cys Gly Gly Val  
 180 185 190  
 Ala Glu Gly Val Val Thr Ser Gly Ser Arg Val Cys Gly Asn Arg Lys  
 195 200 205  
 Lys Pro Gly Ile Tyr Thr Arg Leu Ala Ser Tyr Val Ala Trp Ile Asp  
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 Gly Val Met Ala Asp Ser Ala Ala Ala  
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31

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**<223> primer**

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36

**<211> 26**

## <212> DNA

**<213> Artificial Sequence**

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26

**<211> 9**

<212> PRT

**<213> human**

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1 5